

WV OK
ACOF
2



Reply To: 3410

Date: November 29, 1995

Mr. Mike Fowles
U.S. Army Corps of Engineers
Pittsburgh District
Loyalhanna Lake
RD #2
Saltsburg, PA 15681-9302

Dear Mr. Fowles:

Summaries of the 1983-1995 gypsy moth trapping programs conducted at five U.S. Army Corps of Engineers sites within the Pittsburgh District are enclosed for your information (Table 1). Also enclosed are maps showing trap locations (Figures 1-4). The purpose of the trapping program is to monitor low level gypsy moth populations and help determine when more intensive survey methods should be employed.

In summary, Berlin Lake, Michael J. Kirwan Dam, Mosquito Creek Lake and Stonewall Jackson Dam all had increases (ranging from 153 percent to 964 percent) in average moths per trap in 1995. Tygart Lake did not deploy traps this year.

Because of the high moth counts and the egg mass surveys being conducted, trapping for our purposes is not necessary with the exception of Stonewall Jackson Dam. We would like to continue the trapping program at the same intensity at Stonewall Jackson Dam in 1996. If you would like to continue trapping at these other sites for your purposes, we'll be happy to supply you the traps. Just let me know.

Thank you for your continued cooperation and if you have any questions regarding these results, please call me at (304) 285-1556.

Sincerely,

KAREN D. FELTON
Forestry Technician
Forest Health Protection

Enclosures

cc: AO
Robby L. Young, Berlin Lake
Rene Berberich, Michael J. Kirwan Dam
Dianne Ruszkiewicz, Mosquito Creek Lake
James Devore, Stonewall Jackson Dam
Patrick A. Docherty, Tygart Lake
Allen Baumgard, OHDA
Jan Hacker, WVDA

KDF/mae



Table 1.--Summary of the 1983-1995 gypsy moth trapping results,
Pittsburgh District, U.S. Army Corps of Engineers.

Berlin Lake (Portage, Stark and Mahoning Counties, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983			No traps sent
1984	10	16	2,5
1985	10	0	--
1986	10	16	1,3-8
1987			Traps not deployed
1988	12	9	1,4,11
1989			Traps not deployed
1990	?	74	All
1991	11	63	All
1992	15	370	All
1993	15	4,712	All
1994	15	762	All
1995	13	3,159	All except 9

Michael J. Kirwan Dam (Portage County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	10	0	--
1984	10	0	--
1985	10	0	--
1986	10	9	1,4-6,8,9
1987	10	1	1
1988	10	4	3,6,7
1989	10	56	All
1990	10	97	All
1991	10	168	All
1992	10	673	All
1993	10	1,592	All
1994	15	2,955	All except 11
1995	15	4,222	All

Mosquito Creek Lake (Trumbull County, OH)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	10	1	2
1984	10	0	--
1985	10	5	2,3,10
1986	10	48	All
1987	10	63	All
1988	10	59	All
1989	10	132	1,2,3,6,7,9
1990	10	130	All
1991	10	233	All
1992	10	335	1,2,4,6,7,9,10
1993	10	4,796	All
1994	9	996	All except 5
1995	10	10,703	All

Stonewall Jackson Dam (Lewis County, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983			No traps sent
1984	20	0	--
1985	23	1	6
1986	24	5	2,5,10,14,24
1987	24	4	18,23
1988	25	2	4,11
1989	25	6	11,16,18,20,22
1990	25	51	19,20-23
1991	25	19	5-9,15,17,18,20-23
1992	27	123	All except 2,23,25
1993	26	304	All except 22
1994	26	114	All except 5,6,13,14
1995	26	513	All except 16

Tygart Lake (Taylor County, WV)

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	10	0	--
1984	10	3	8,1 or 2
1985	10	4	1,6
1986	9	25	1,3,6-9
1987	11	48	All except 4,5,11
1988	13	10	8-11
1989	13	564	All except 9
1990	13	785	All
1991	12	755	All except 3
1992	12	864	All
1993	12	6,918	All
1994	12	5,865	All
1995	--	--	No traps deployed

Figure 1.--1995 gypsy moth trap locations.

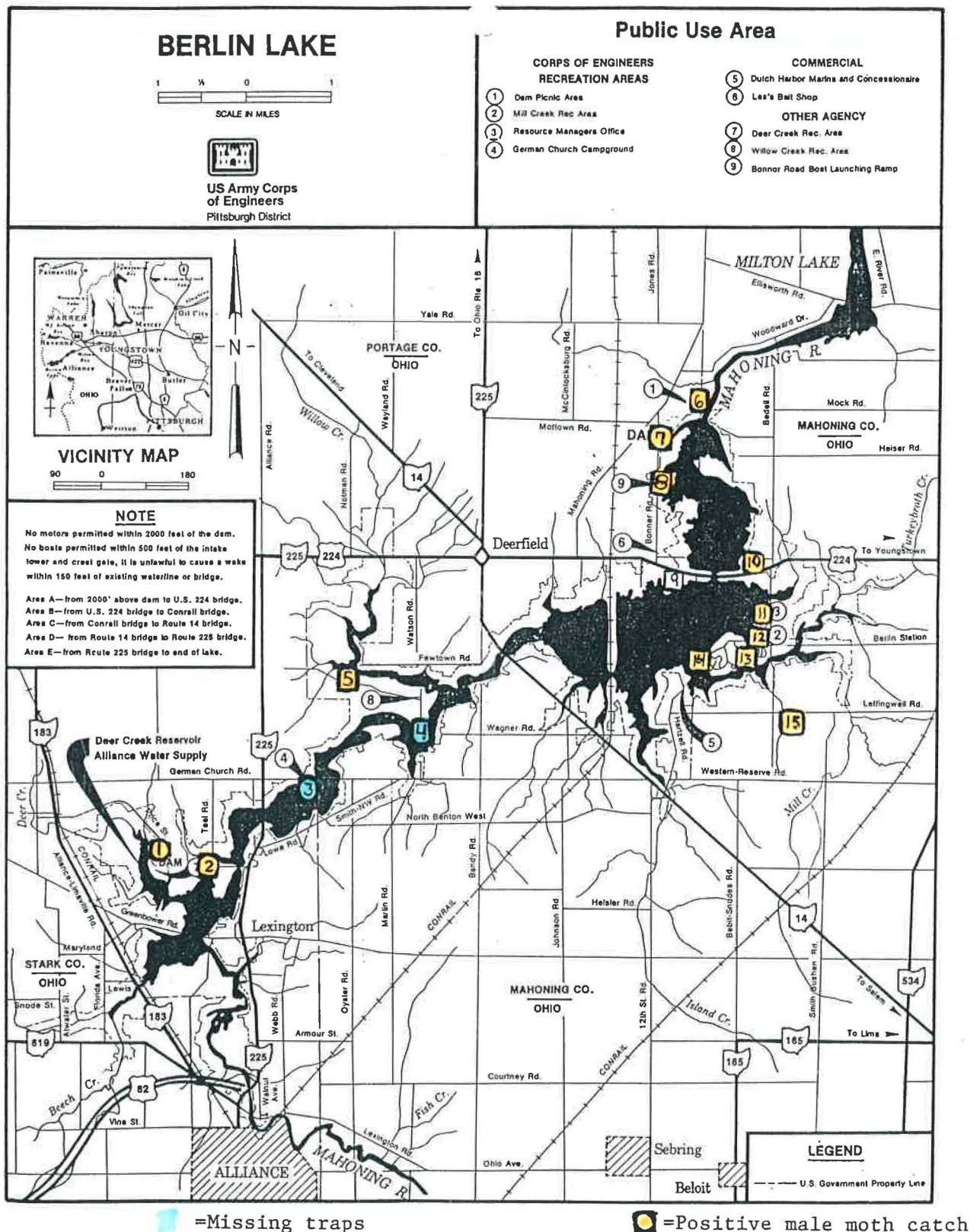
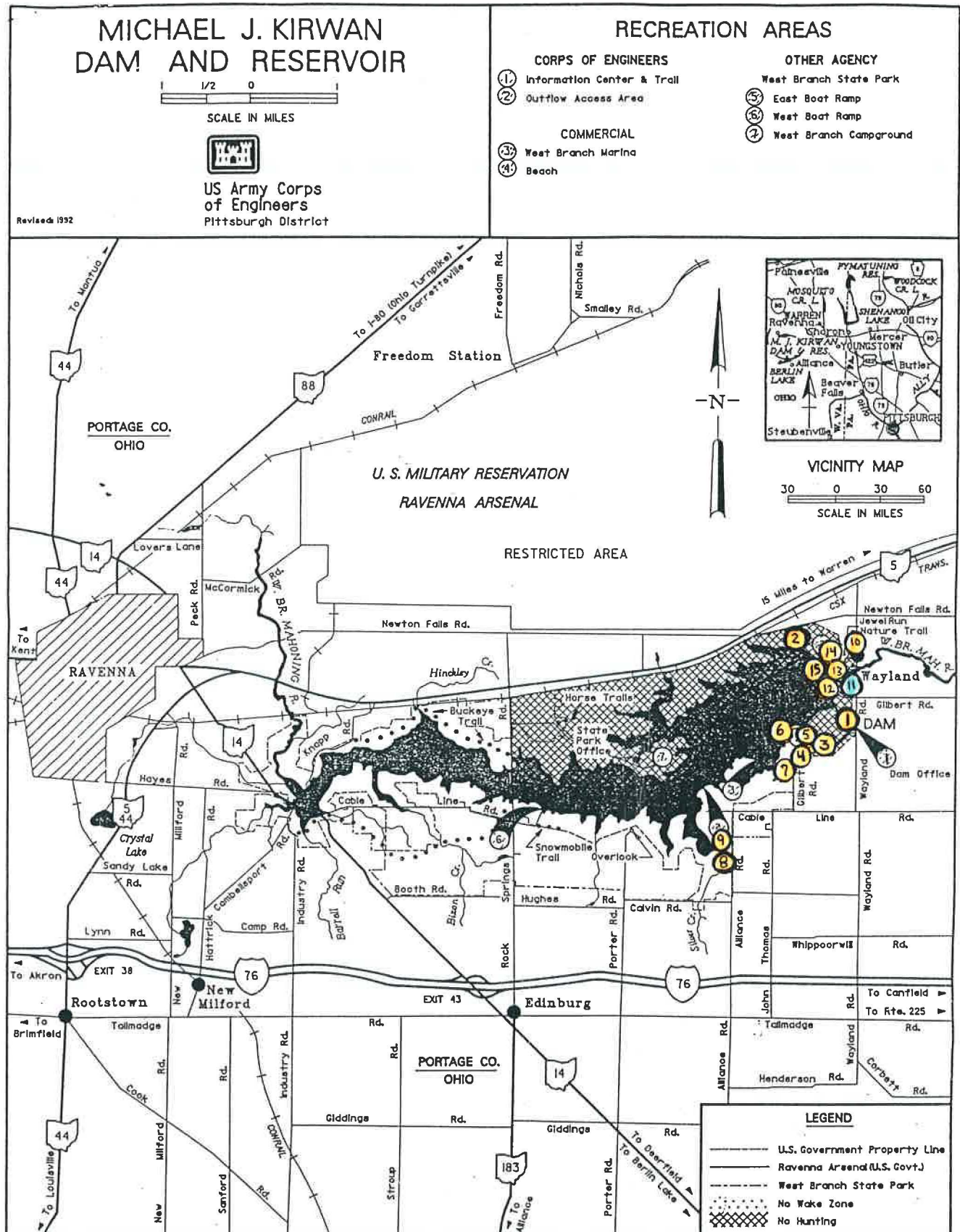


Figure 2.--1995 gypsy moth trap locations.



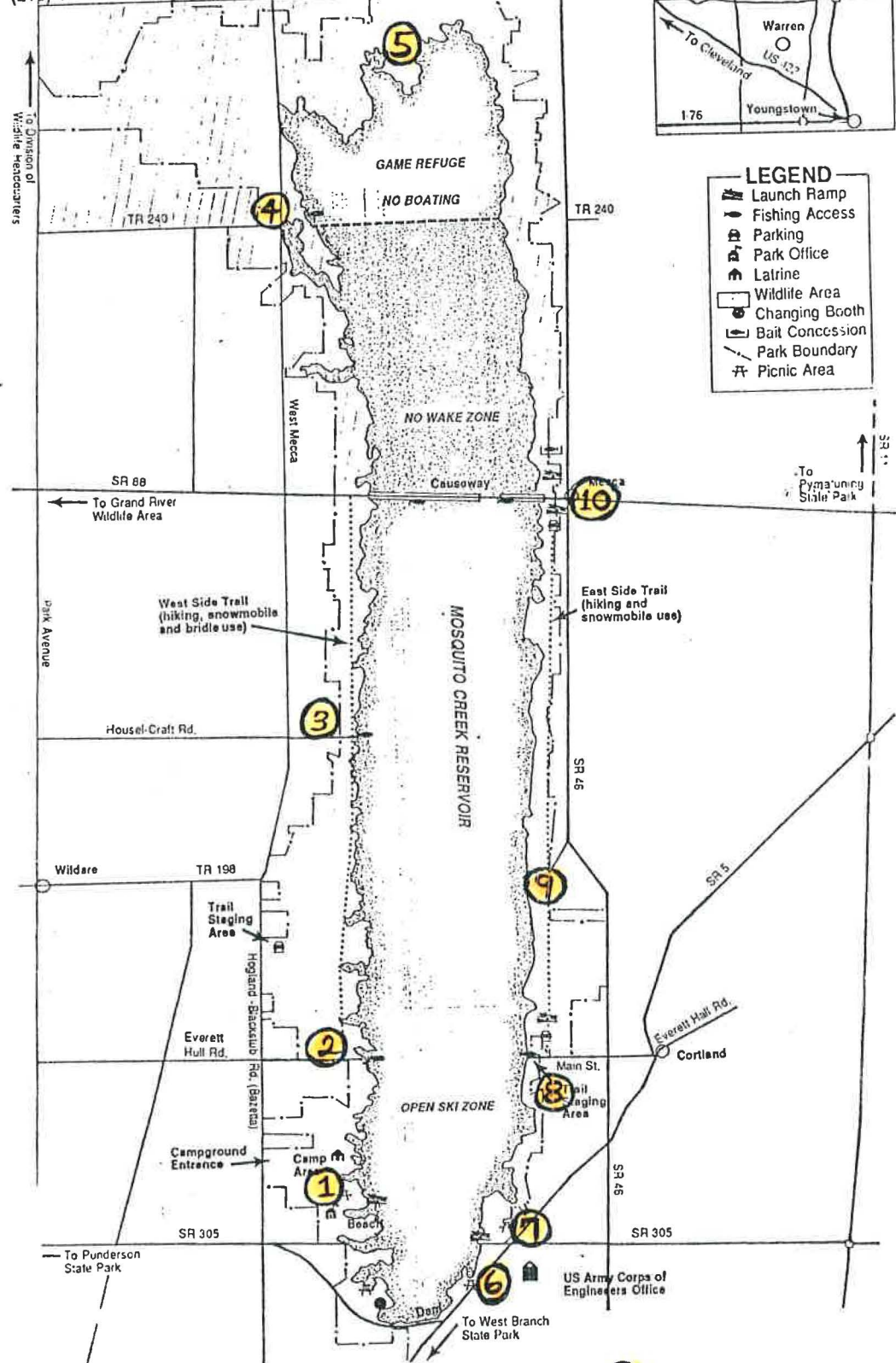
=Damaged traps

=Positive male moth catch

Figure 3.--1995 gypsy moth trap locations.

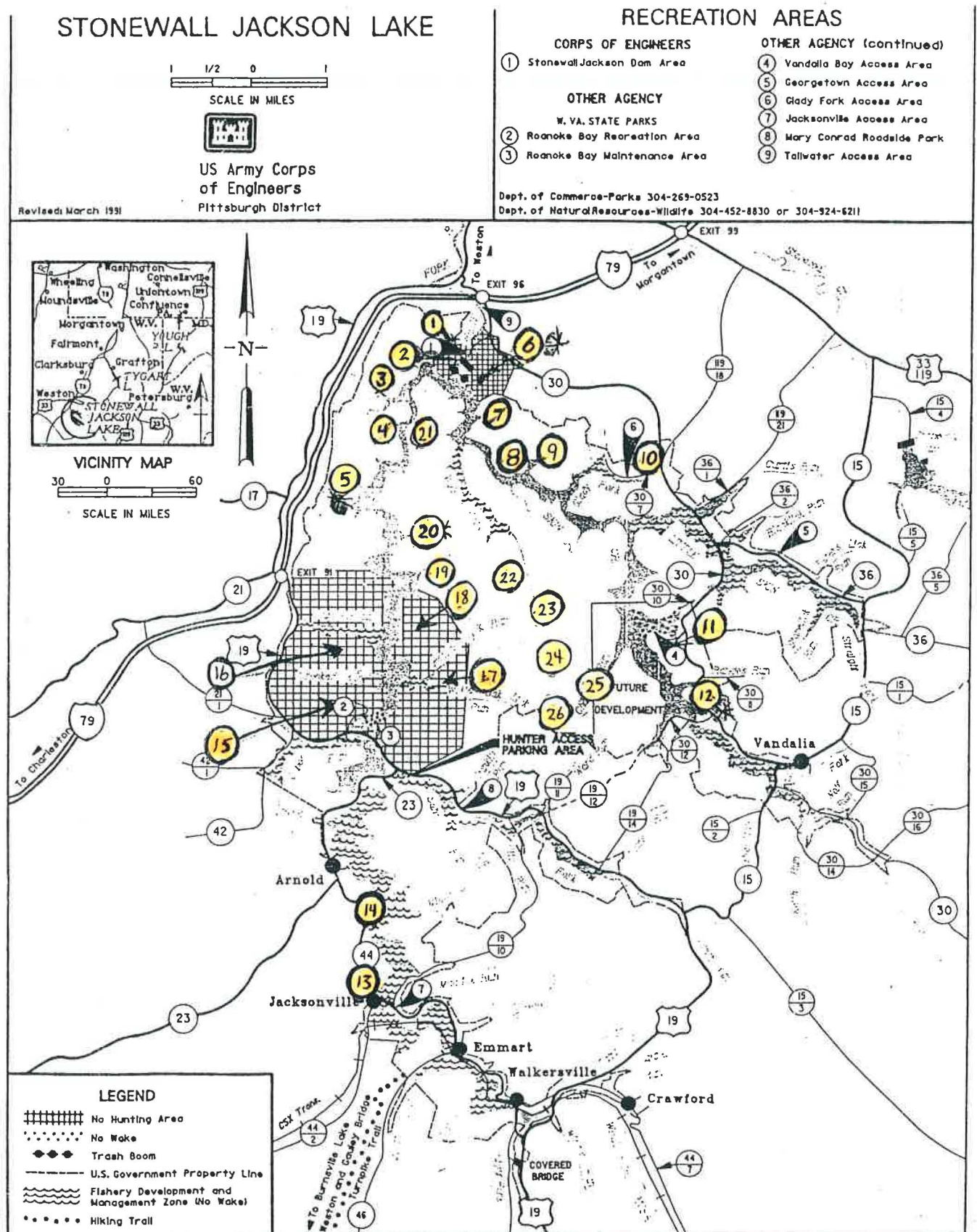
Mosquito Lake State Park

1439 S.R. 305
Cortland, Ohio 44410-9303
(216) 637-2856 Park Office
(216) 638-5700 Campground Office
(216) 637-1961 Army Corps of Engineers



● = Positive male moth catch

Figure 4.--1995 gypsy moth trap locations.



● = Positive male moth catch